☑0006/0010

Application Serial No. 10/593,610   PATENT
Preliminary Amendment   Docket: CU-5095

Amendments To The Claims

The listing of claims presented below will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1-12. (canceled)

13. (new) A package providing apparatus for providing a package wherein the package is composed of contents including a component or item, the apparatus comprising:

a package metadata generating unit for generating package metadata including relation metadata describing temporal relation and spatial relation between the contents; and

a providing unit for providing the package metadata.

14. (new) The apparatus as recited in claim 13, wherein the temporal relation includes absolute temporal information or relative temporal information.

15. (new) The apparatus as recited in claim 13, wherein the spatial relation includes relative distance information.

16. (new) The apparatus as recited in claim 15, wherein the spatial relation includes relative size information according to a user interface.

17. (new) A package consuming apparatus for consuming a package wherein the package is composed of contents including a component or item, the

apparatus comprising:

a package metadata obtaining unit for obtaining package metadata including relation metadata describing temporal relation and spatial relation between the contents; and

an analyzing unit for analyzing the package metadata.

18.   (new) The apparatus as recited in claim 17, wherein the temporal relation includes absolute temporal information or relative temporal information.

19.   (new) The apparatus as recited in claim 17, wherein the spatial relation includes relative distance information.

20.   (new) The apparatus as recited in claim 19, wherein the spatial relation includes relative size information according to a user interface.

21.   (new) A package providing method for providing a package wherein the package is composed of contents including a component or item, the method comprising:

generating package metadata including relation metadata describing temporal relation and spatial relation between the contents; and

providing the package metadata.

22.   (new) The method as recited in claim 21, wherein the temporal relation includes absolute temporal information or relative temporal information.

23.   (new) The method as recited in claim 21, wherein the spatial relation

includes relative distance information.

24.   (new) The method as recited in claim 23, wherein the spatial relation

includes relative size information according to a user interface.

25.   (new) A package consuming method for consuming a package wherein the

package is composed of contents including a component or item, the method

comprising:

    obtaining package metadata including relation metadata describing

 temporal relation and spatial relation between the contents; and

        analyzing the package metadata.

26.   (new) The method as recited in claim 25, wherein the temporal relation

includes absolute temporal information or relative temporal information.

27.   (new) The method as recited in claim 25, wherein the spatial relation

includes relative distance information.

28.   (new) The method as recited In claim 27, wherein the spatial relation

includes relative size information according to a user interface.

29.   (new) A system for providing and consuming a package wherein the

package is composed of contents including a component or item, the system

comprising:

    a package providing apparatus comprising a package metadata generating

unit for generating package metadata including relation metadata describing

temporal relation and spatial relation between the contents and a providing unit

for providing the package metadata; and

        a package consuming apparatus comprising a package metadata

obtaining unit for obtaining the package metadata and an analyzing unit for

analyzing the package metadata.

30.   (new) The system as recited in claim 29, wherein the temporal relation

includes absolute temporal information or relative temporal information.

31.   (new) The system as recited in claim 29, wherein the spatial relation

includes relative distance information.

32.   (new) The system as recited in claim 31, wherein the spatial relation

includes relative size information according to a user interface.

33.   (new) A relation metadata for describing relation between a plurality of

contents including component or item, wherein the relation metadata describes

temporal relation and spatial relation between the contents.

34.   (new) The relation metadata as recited in claim 33, wherein the temporal

relation includes absolute temporal information or relative temporal information.

35.   (new) The relation metadata as recited in claim 33, wherein the spatial

relation includes relative distance information.

36.   (new) The relation metadata as recited in claim 35, wherein the spatial

relation includes relative size information according to a user interface.